Scions for grafting may be cut at any time previous to the starting of the buds in the spring, and when cut should be kept in a cool cellar, where they will not dry up.

EXTERMINATION OF TREE-BEETLES, ETC. -An old, scalded barrel, smeared internally with tar, having a properly pro-tected lighted lamp in the bottom, will collect large quantities of beetles during a night.

Ir is said that Mr. Husted of Lowell, Mich., has tried with success the plan of putting bands of one thickness of paper around the stems of his apple-trees to catch the moth. When woodpeckers have torn the papers into shreds in their search for the concealed enemy, new bandages are applied.

-To cure colic in horses, melt a pint of hog's lard over a slow fire, add soot from the chimney until it becomes as thick as cream, add two or three pods of red pepper, pour the mixture into a bottle and give to the animal. If the horse is not quickly relieved, repeat the

-The Agriculturist gives this remedy for founders: As soon as the horse is found to be stiff swab the legs and feet with hot water-so hot that the hand cannot bear to touch it, but not so hot as to scald. After a short time the legs should be rubbed dry and the horse gently exercised. Has never known this to fail to remedy the trouble.

How to Choose a Good Cow .-- A writer in the Northwestern Farmer says: "The crumpley horn is a good indication; a full eye another. Her head Roman nose; this indicates thin milk. and but little of it. See that she is eyes. Notice that she is what stock men call a good handler—skin soft and loose, like the skin on a dog; deep from the loin to the udder, and a very slim tail. A cow with these marks never fails to be a good milker.'

PERMANENCE OF ORCHARD GRASS,-A writer in the Philadelphia Press says that he has had a field of grass over thirty years, that still gives bounteous "breast high at maturity." The soil is a strong sandy loam. It was originally seeded in connection with red clover and timothy, which were long ago run out, and there is now some white clover and blue grass, which aids to make a thick and nutritious bottom | Stop the bottle and set to one side, growth; but the orchard grass maintains the supremacy, and he knows of nothing--lucern excepted-which will yield annually so much cattle food. But it is even superior to lucern, because better adapted to the climate of the North.

FEEDING CORN TO HOGS, -As another evidence of the increased profit of feeding corn on the farm to swine, over selling the grain in market, a writer in the Cincinnati Gazette gives the following testimony: In August, 1872, I bought thirty-seven head of hogs at four dollars per one hundred weight, the average weight being 126 pounds. Cost of the lot \$186.48. On December 10th, when I sold them, the average weight was 270 pounds; or a gain of 144 pounds per head. They are twelve bushels of corn apiece. This at twentyfive cents per bushel would be three dollars. The total cost of the hogs, when fattened, was, therefore, \$267.40. I sold them at four dollars per cwt. amounting to \$399.60. Balance in favor of feeding, \$101.12. By feeding my corn, it brought me nearly 48 cents per

SHEEP AND COWS TOGETHER. - A correspondent of the Practical Farmer writes: I have been farming and keeping sheep nineteen years. During the last seven years I have been keeping thoroughbred Southdowns, carefully selected from some of the flocks in the country. My lambs have averaged me \$10 a piece and the wool \$2 for each sheep. I think I can keep one sheep and one cow to every acre, on a given amount of pas-ture land, just as well as to keep the cow alone. In regard to alleged injurious effects affirmed by some of leeping sheep and dairy cows in the same pasture, I will state that I have never observed them. And if there were any injurious effects resulting from the practice, it would be confined to the short space of time intervening between first turning to pasture and harvest, say from the the first of May to the middle of July. Sheep prefer and will eling to the old pasture, while cows are continually seeking and longing for new.

HOUSEHOLD AND KITCHEN. Ir the crust to bread is wished tender, as soon as the loaves are taken out of the oven, wrap them in a wet cloth wrung from cold water, and then lay

over it a dry towel. GROUND RICE GRUEL, -Boil one table spoonful of ground rice, rubbed smooth

ration.

SAGO GRUEL. - Take three tablespoonfuls of sago and wash in cold water; then add one quart of boiling hot milk and boil for twenty minutes; sweeten and flavor with lemon peel, or a tablespoonful of brandy.

TAPIOCA JELLY.—Wash a teacupful of tapioca-soak it for three hours in cold water-turn off the water and pour over it one quart of boiling water. Add the grated peel of one lemon; sweeten to taste, and boil for one hour.

HONEY SOAP. - Dissolve two pounds of yellow soap in a dish suspended in a kettle of boiling water. Add a quarter of a pound each of strained honey and palm oil, and three cents' worth of oil of cinnamon. When cold, it is ready

for use. STRENGTHENING JELLY,-Boil in two quarts of water one ounce of rice, one ounce of sago, and one ounce of pearl barley, until reduced one-half. Strain into a mold; take a teacupful, morning, noon and night. It can be sweetened and flavored to taste.

A PIECE of red pepper, the size of your | that he is where he can commit no more finger-nail, put into meat or vegetables crime, - Chicago Times,

when first beginning to cook, will aid greatly in killing the unpleasant odor arising therefrom. Remember this for boiled cabbage, green beans, onions, chickens, mutton, etc.

CORN FRITTERS .- Young, sweet corn, pepper, salt, nutmeg, butter hot in the pan. Grate the corn from the cobs into a basin, season and drop by spoonfuls into the pan and fry until brown. This is a delicious breakfast relish, but requires a considerable time to prepare.

peppers, in one quart of water, until it is reduced to a pint. Strain into a mold. A tablespoonful of this jelly taken in milk is a good tonic for drawn out effect. "Damn it "said Damaics was informed that his friend's case was hopeless unless they could induce slumber, and every known narcotic had been administered, but without effect. "Damn it "said Damaics was informed that his friend's case was hopeless unless they could induce slumber, and every known narcotic had been administered, but without the said of the s pepsia.

FRUIT CREAMS.-Dissolve half an ounce of isinglass in warm water enough to cover it; add this to a pint of cream sweetened with four spoonfuls of sugar and boil it. When cool lay some apricot, raspberry or peach preserves in a glass dish and pour the cream over it.

PRESERVATION OF EGGS.-Eggs are preserved in France by smearing them all over with a solution of beeswax in double the quantity of olive oil with the finger. The shell is rendered air-tight, and when packed in bran or chaff and kept dry the eggs may be preserved for months. Rubbing the eggs with linseed oil has been successful in preserving them for six months.

To Preserve Clothing Pins.—They should be boiled a few moments and quickly dried once or twice a month, when they become more flexible and durable. Cloth lines will last longer had made wonderful improvement as a and keep in better order for wash-day marksman, Davis might have met him should be small but short. Avoid the service, if occasionally treated in the same manner.

TO PREVENT COLD FEET AT BEDdished in the face-sunk between the Time .- Draw off your stockings just before undressing, and rub your ankles and feet well with your hand, as hard as you can bear the pressure, for five or worthy of record. Let it be borne in ten minutes, and you will never have to mind that the man who was able thus complain of cold feet in bed. It is to speak had seen his share of hard life, hardly conceivable what a pleasurable and severe trial, and sore temptation. glow this diffuses. Frequent washing In the war of 1812 he was active and of the feet, and rubbing them thoroughly dry with a linen cloth or flannel, is very useful.

TO MEND RUBBER SHOES.—Get a piece of pure rubber-an old shoe-vulcanized rubber will not do; cut it in small bits. Put it into a bottle, and cover to twice its depth with spirits of turpentine or refined coal oil naptha. shaking it frequently. The rubber will soon dissolve. Then take the shoe and place the rip or cut close together, and put on the rubber solution with a camel's dries, until a thorough coating is formed. Spirits of turpentine dissolves the rubber slowest, but forms the most in relation to his habits of life. Said elastac cement.

A Great Railway Project.

One of the most stupendous enterprises ever attempted by audacious man the construction of the Peruvian railway, which will connect the Pacific Ocean with the valley of the Amazon. This nineteenth century is full of marvels in the way of what is called engineering science—fuller, perhaps, of having lived, since boynood, in a new monumental works of that description country; having served in the army than all the centuries which have gone before it since the fall of the Roman official duties to traverse almost all the empire. But neither the Suez Canal, western region north of the Ohio, and which cuts the narrow strip of sand that bas obstructed the commerce of the world for commerce o world for ages, nor the Mont Cenis of stimulating liquors at periods of Tunnel through the Alps, has presented great exposure and fatigue I cannot say. such appalling obstacles as those which confronted the builders of a railway at enough without them." an elevation of 17,000 feet above the level of the sea. There is really no parallel to this triumph of the scientific work should be our countrymen.

railway presents, it may suffice to say that thirty bridges and viaducts, three thousand feet in length, and thirty-five tunnels fifteen thousand feet in length, "In mercy's name, were required in a single locality. one hundred and forty million cubic feet of rock and earth had to be removed. The work, which was begun in 1870, has cost already about cost, occopy, occopy, and will probably cost that saw.

"Wal," said the driver, "you ain't "Wal," said the driver, "you ain't of its wonders is the great viaduct, the highest in the world, which is 580 feet long and 300 feet high in the center. The height of the three iron pillars which support it is respectively 166, 183, and 253 feet. From 8,000 to 12,000 laborers, mostly Chilians and coolies, are working on the road night and day. - Inter-Ocean.

Cure for Sheep-Chasing Dogs. Many people will assent heartily to veto it!" with cold water, in a pint and a half of the principle that the best possible milk, with a bit of cinnamon and lemon cure for a sheep-chasing dog, is to kill peel. Sweeten slightly, or season with him at the earliest practicable moment; but there may be exceptional cases. A To Remove Fleshworms,-Liquor correspondent of the London Field of potassa, one cunce; cologne water, seems to think so at least, and relates-two cunces; white brandy, four cunces. an instance where, after other attempts Wash with warm water, apply coarse bave failed, a fine Newfoundland dog towel vigorously; then use this prepa- was cured by tying him to two old was cured by tying him to two old Scotch rams, and left to such amusement as he could extract from their society. The result was an extensive ramble over hill and dale, hedges and ditches, and diversified, of course, by the discordant views each ram and the dog entertained as to the route for enjoying the best scenery. When all three were very tired, they were loosed and nothing thereafter was so extremely offensive to that dog's tastes as the so-

ciety of sheep. A HARDENED WRETCH.—The crime for which Evans, the New Hampshire murderer, suffered death a few days ago, was the most revolting in the anof history. After outraging his grand niece, a young girl of 13, he murdered her and shamefully mutilated her person. Before his execution he con- the water. fessed the murder, and also the murder of another little girl some years ago. He is suspected, and with evidently good reason, of having been the fiend who murdered the Joyce children near Boston about two years since. Hanging was too mild a death for him to die, but the world will breathe easier now

Foote and Prentiss. Foote's challenge to Davis, and Davis' departure for Europe, has revived the story of the former's encounter with S. S. Prentiss, whose biting sarcasm often brought him into trouble. Long ago, Foote visited Texas, and gave to the world, a gift which the world did not seem to appreciate, a work upon that country. A friend of Prentiss was sick unto death with delerium tremens, then a fashionable complaint. The physicians labored long and unsuccessfully ISINGLASS JELLY.—Boil one ounce of to put the patient to sleep. Prentiss singlass shavings with a slice of brown was informed that his friend's case was I will insure its soporific effect." coming to the knowledge of the author, he determined to administer a pill to Prentiss that should produce sleep eternal. A challenge was sent and accepted. A duel was fought near Vicksburg, and Foote was wounded. The issue would have brought about a reconciliation, but for the fact that in the field Prentiss' tongue bit as hard as his bullet. The battle was witnessed by a large number of people, many of whom were mere lads. Anxious for a coign of vantage from which to behold the edifying spectacle, the boys climbed into the branches of surrounding trees. Seeing them, Prentiss exclaimed jestingly, "Boys. you had better take care, Foote shoots mighty wild." This remark so annoyed Foote that he challenged Prentiss a second time. Foote missed again, when Prentiss generously fired his pistol in the air. Unless Foote without apprehension as to the result.

Reminiscence of Lewis Cass.

Such reminiscences as the following of our public men are a heritage of value to other generations, and are efficient, serving through the whole period. He entered as Colonel of the Third Ohio volunteers. His first essay was a march of 200 miles through a swampy wilderness to Detroit, and thence into Canada; and to him is awarded the honorable distinction of having been the first man of our forces, in that war, to put his foot, in arms, upon British soil. He snuffed the suiphur of battle, and withstood the leaden hail. His manifold public services from that time are matters of history. In 1836 Mr. Cass was appointed Minister to France; hair brush. Continue to apply as it and on a public occasion, previous to departing on his important mission, he put on record the following testimony

> "I have never tasted any ardent spirits, nor have I, at any time during life, been in the habit of drinking wine. It is of course almost useless to add, that I know nothing of the effects of stimulating liquors upon the constitution, except as I have observed them in others. I have, perhaps, during my life been as much exposed as most men, having lived, since boyhood, in a new during war; and having been led by

Plea for Internal Improvements.

In 1840 Mr. Van Buren, while Presifaith, and it is matter for a legitimate dent, made quite an extended tour patriotic pride that the men who have through the West. On one of his jaunts conceived and are now carrying out the from town to town he took passage in a stage-coach. The road was rough and To form some faint idea of the me- rugged, and very muddy. At length, chanical and natural difficulties which with a dreadful splash, the coach upset, the construction of this transandine and, when Mr. Van Buren had succeeded in crawling out from under boot and baggage, he found himself standing up

"In mercy's name, driver, how did this happen?" he inquired, as soon as grade the road, as far as completed, he could gain the ear of that individual. "Ye see this yer road, don't ye?" answered Jehu, pointing up and down

along the uneven waste of mud. The President acknowledged that he

the first one that's been upsot here. I've already spilt out ten members of Con-gress in this very spot, and they've ev-ery one of 'em sworn 'at they'll vote for 'propriations for the national road; but this is the first time I ever had a President of the United States for a passenger. I must do my duty to the great West. If that 'propriation bill passes, just you remember this yer ride over this yer road, and I don't think you'll

Back Again to Dead-Head Times.

In the circular issued by the Superintendent of the Chicago, Burlington and Quincy Railroad on the 1st of January, setting forth who were entitled to free passes under the new agreement, section 9 states that "Conductors may use their discretion in allowing persons to ride, in cases of charity, free, but will in all such cases enter the person's name on their report, with the reason. Vagabonds and traveling paupers are not objects of charity." This clause, the managers of other roads contend, is giving a wide latitude of discretion to conductors, who, under it, can carry free under such a plea, whomsoever they choose. - Chicago Tribune.

Conundrums.

Why might carpenters believe there is no such thing as stone? Because they never saw it.

Why was the whale that swallowed Jonah like a retired milkman? Because he got a profit (prophet) out of Which is the quickest way of driving

a bargain? Stealing a horse and cart and driving off. Why is electricity like the police when they are wanted? Because it is an in-

visible force. What State is round on both ends and high in the middle? Ohio. What constitutes the genuine frontier costume? The outskirts of civilization.

One Line in Eighteen Shapes. "Transposition" is a pleasant task for winter evenings. A tutor gave his pupil a line from the poet Gray-

"The plowman homeward plods his weary way," and desired him to transpose the words without altering the sense or the rhyme. When the tutor and scholars compared their papers after half an hour's study, they found that the line was capable of at least eighteen transpositions. Here are some of them :

The weary plowman plods his homeward way. The weary plowman homeward plods his way. The plowman weary plods his homeward way. The plowman weary homeward plods his way. Weary the plowman plods his homeward way. Weary the plowman homeward plods his way. Homeward the plowman plods his weary way. Homeward the weary plowman plods his way. Homeward the weary plowman plods his way. The homeward plowman weary plods his way. The homeward plowman plods his way. The homeward plowman plods his weary way.

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